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Effective on 12/08/2004. Fees pursuant to the consolidated Appropriates Act. 2005 (H.R. 4818). <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2005</h3>		Complete If Known					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/898,550				
		Filing Date	October 27, 2000				
		First Named Inventor	Moloudi				
		Examiner Name	M. Milord				
		Art Unit	2682				
TOTAL AMOUNT OF PAYMENT (\$) 180.00		Attorney Docket No.	15258US06				
METHOD OF PAYMENT (check all that apply)							
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<input checked="" type="checkbox"/> Charge Fee(s) indicated below <input type="checkbox"/> Charge Fee(s) indicated below, except for the filing fee							
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FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
	FILING FEES		SEARCH FEES		EXAMINATION FEES		
Application Type	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
							Small Entity
							Fee (\$)
							Fee (\$)
Each claim over 20, or for Reissues, each claim over 20 and more than in the original patent							50
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent							200
Multiple dependent claims							360
							180
Total Claims		Extra Claims		Fee (\$)		Fee Paid (\$)	
-20 or HP		x		=		Multiple Dependent Claims	
HP = highest number of total claims paid for, if greater than 20		Fee (\$)		Fee Paid (\$)		Fee	
Indep. Claims		Extra Claims		Fee (\$)		Fee Paid (\$)	
-3 or HP		x		=		Fee	
HP = highest number of independent claims paid for, if greater than 3		Fee (\$)		Fee Paid (\$)		Fee	
3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets		Extra Sheets		Number of each additional 50 or fraction thereof		Fee (\$)	
-100		/50		(round up to a whole number)		x	
Fee (\$)		Fee Paid (\$)		Fee (\$)		Fee Paid (\$)	
Fee (\$)		Fee Paid (\$)		Fee (\$)		Fee Paid (\$)	
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)							
Other: Information Disclosure Statement filing fee							
SUBMITTED BY							
Signature		Registration No.		Telephone		(312)775-8000	
Name (print/type)		(Attorney/Agent)		Date		February 14, 2006	

FROM McANDREWS, HELD, & MALLOY

(TUE) 2.14'06 12:36/ST. 12:36/NO. 4861050841 P 1



McANDREWS, HELD & MALLOY
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TO: USPTO

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CLIENT: 1772

MATTER: 15258US06

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TRANSMITTAL FORM (to be used for all correspondence after Initial filing)		Application Number	09/698,550	
		Filing Date	October 27, 2000	
		First Named Inventor	Moloudi	
		Art Unit	2682	
		Examiner Name	M. Milord	
Total Number of Pages in This Submission		6	Attorney Docket Number	15258US06

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ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement - 2 pages <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Return-Receipt Postcard <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Please see Remarks below
Remarks PTO form SB 08A listing 25 US patent documents, 1 foreign patent document and 3 non-patent literature documents - 2 pages		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	McAndrews Held & Malloy, Ltd.		
Signature	<i>Michael T. Cruz</i>		
Printed Name	Michael T. Cruz		
Date	February 14, 2006		

CERTIFICATE OF FAX TRANSMITTAL

I hereby certify that this correspondence is being sent via facsimile to Examiner M. Milord at the United States Patent and Trademark Office, fax No. 571 273 8300, on February 14, 2006.			
Name (Print/type)	Michael T. Cruz	Registration No. (Attorney/Agent)	44,636
Signature	<i>Michael T. Cruz</i>	Date	February 14, 2006

Attorney Docket No. 15258US06

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

S. Moloudi et al.

Serial No: 09/698,550

Filed: October 27, 2000

For: ADAPTIVE RADIO TRANSCEIVER
WITH SUBSAMPLING MIXERS

Examiner: M. Milord

Group Art Unit: 2682

Confirmation No. : 5013

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Reg. No. 44,636

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully enclose a PTO Form SB 08A that lists documents that were cited during the prosecution of the grandparent application and parent application to the present application. The grandparent application is United States Patent Application Serial No. 09/634,552, filed August 8, 2000. The parent application is United States Patent Application Serial No. 09/695,715, filed October 23, 2000.

The present application is a continuation of United States Patent Application Serial No. 09/695,715, filed October 23, 2000, which, in turn, is a continuation-in-part of United States Patent Application Serial No. 09/634,552, filed August 8, 2000.

02/15/2006 FMETEKI1 00000037 130017 09698550

01 FC:1806 180.00 DA

Appl. No. 09/698,550
Supp. IDS dated Feb. 14, 2006

Under M.P.E.P. § 609.02 (Rev. 3, Aug. 2005), copies of the items listed on the accompanying PTO Form SB 08A need not be resubmitted in a continuing application. Therefore, no copies are enclosed.

The filing of a supplemental information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

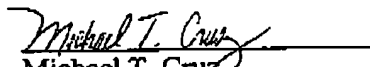
An information disclosure statement fee of \$180 is believed to be due.

It is respectfully requested that this paper and enclosures be considered by the Examiner. Furthermore, the Examiner is respectfully requested to initial a copy of the enclosed PTO Form SB08A and return an initialed copy to Applicants to indicate consideration of the enclosed listed documents.

The Commissioner is hereby authorized to charge additional fees or credit overpayments to the deposit account of McAndrews, Held & Malloy, Account No. 13-0017.

Date: February 14, 2006

Respectfully submitted,


Michael T. Cruz
Reg. No. 44,636

McAndrews, Held & Malloy, Ltd.
500 West Madison Street, 34th Floor
Chicago, Illinois 60661
Telephone: (312) 775-8084
Fax: (312) 775-8100

PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS (use as many sheets as necessary)		Complete if Known	
		Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	09/698,550 October 27, 2000 S. Moloudi 2682 M. Milford 15258US06
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initial*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,710,970	12.1987	Wu et al.	
		4,816,769	03.1989	Ma et al.	
		4,893,316	01.1990	Janc et al.	
		5,341,110	08.1994	Nardi	
		5,457,716	10.1995	Ang et al.	
		5,537,459	07.1996	Price et al.	
		5,593,640	09.1999	Meador et al.	
		5,872,810	02.1999	Phillips et al.	
		5,890,051	03.1999	Schlang et al.	
		5,909,463	06.1999	Johnson et al.	
		5,940,456	08.1999	Chen et al.	
		6,018,553	01.2000	Sanilevici et al.	
		6,072,994	06.2000	Phillips et al.	
		6,134,453	10.2000	Sainton et al.	
		6,167,246	12.2000	Elder et al.	
		6,175,279	01.2001	Ciccarelli et al.	
		6,184,747	02.2001	Helgeson et al.	
		6,185,418	02.2001	MacLellan et al.	
		6,343,207	01.2002	Hessel et al.	
		6,385,442	05.2002	Vu et al.	
		6,377,608	04.2002	Zyren	
		6,429,733	08.2002	Pagliolo et al.	
		6,526,034	02.2003	Gorsuch	
		6,633,550	10.2003	Gardenfors et al.	
		6,738,601	05.2004	Rofougaran et al.	

EXAMINER SIGNATURE	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible.

⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Rev. Sept. 03

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PAGE 6/7 * RCVD AT 2/14/2006 1:38:43 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/26 * DNIS:2738300 * CSID:3127079155 * DURATION (mm-ss):02-22

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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				Application Number	09/698,550
				Filing Date	October 27, 2000
				First Named Inventor	S. Moloudi
				Group Art Unit	2682
				Examiner Name	M. Milford
				Attorney Docket Number	15258US06
Sheet	2	Of	2		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
		EP 0 803 997 A2		10.1997	Kuiri, Taplo		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		A. Rofougaran, "A Single-Chip Spread-Spectrum Wireless Transceiver in CMOS," Final Report, Integrated Circuits & Systems Laboratory Electrical Engineering Department, University of California, Los Angeles, California, 339 pages (1999).
		J. Lee et al., "Design of Spiral Inductors on Silicon Substrates with a Fast Simulator", 4 pages, Electrical Engineering Department, University of California, Los Angeles, California, presented at the European Solid-State Circuits Conference, The Hague, The Netherlands (September 1998).
		P.Y. Chan, "A Highly Linear 1-GHz CMOS Downconversion Mixer," Integrated Circuits & Systems Laboratory, University of California, Los Angeles, California, presented at the European Solid State Circuits Conference, Seville, Spain, 4 pages (September 22-24, 1993).

EXAMINER	DATE CONSIDERED
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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Rev. Aug. 02

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PAGE 7/7 * RCVD AT 2/14/2006 1:38:43 PM [Eastern Standard Time] * SVR:USPTO-EFXXRF-6/26 * DNIS:2738300 * CSID:3127079155 * DURATION (mm-ss):02-22